American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *APRIL* 22, 1983 **NO.** 16

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/22/83	Last Week Ending: 04/15/83	Last Year Week Ending: 04/23/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,905	11,722	11,774	+ 183	+ 131
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	70.6	69.6	67.3		
Motor Gasoline					
Total motor gasoline production	6,359	6,118	5,998	+ 241	+ 361
Finished leaded motor gasoline production	2,833	2,704	*N/A*	+ 129	*N/A*
Finished unleaded motor gasoline production	3,526	3,414	*N/A*	+ 112	*N/A*
Total motor gasoline stocks	225,045	226,019	235,826	- 974	- 10,781
Finished leaded motor gasoline stocks	91,563	89,579	*N/A*	+ 1,984	*N/A*
Finished unleaded motor gasoline stocks	92,107	91,412	92,979	+ 695	- 872
Distillate Fuel Oil					
Distillate fuel oil production	2,340	2,194	2,375	+ 146	- 35
Distillate fuel oil stocks	112,919	115,637	113,962	- 2,718	- 1,043
Residual Fuel Oil					
Residual fuel oil production	1,021	998	1,136	+ 23	- 115
Residual fuel oil stocks	45,249	47,307	54,923	- 2,058	- 9,674
Imports					
Crude oil imports	3,171	2,342	3,104	+ 829	+ 67
Product imports	1,230	1,569	1,400	- 339	- 170
Crude Oil Stocks					
Crude oil stocks	352,173	356,475	375,277	- 4,302	- 23,104

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,190●	980	1,007	1,569	64.2
Appal. No. 1	77	72	72	98	73.5
DISTRICT 1 TOTAL	1,267●	1,052	1,079	1,667	64.7
Appal. No. 2	47	44	47	66	71.2
Ind., Ill., Ky.	1,889	1,820	1,850	2,399	77.1
Minn., Wis., Daks.	265	258	264	293	90.1
Okla., Kans., Mo.	726	611	626	858	73.0
DISTRICT 2 TOTAL	2,927	2,733	2,787	3,616	77.1
Inland Texas	489	446	471	592	79.6
Texas Gulf Coast	3,117	2,802	2,889	4,164	69.4
La. Gulf Coast	2,257	2,017	2,065	2,748	75.1
N. La. and Ark.	208	183	198	314	63.1
New Mexico	88	78	83	117	70.9
DISTRICT 3 TOTAL	6,159	5,526	5,706	7,935	71.9
DISTRICT 4 TOTAL	393	366	371	553	67.1
DISTRICT 5 TOTAL	2,125	1,922	1,962	3,083	63.6
TOTAL U.S.	12,871	11,599	11,905	16,854	70.6
TOTAL U.S. Weeks Ended:					
APR. 15, 1983	12,742●	11,437	11,722	16,854	69.6
APR. 23, 1982	12,347	11,418	11,774	17,492	67.3
DISTRICTS 1-4 Weeks Ended:					
APR. 22, 1983	10,746	9,677	9,943	13,771	72.2
APR. 15, 1983	10,569●	9,470	9,693	13,771	70.4
APR. 23, 1982	10,283	9,427	9,702	14,408	67.3

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 22, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	568	298	270	9	42	248	111
Appal. No. 1	34	14	20	1	--	20	4
DISTRICT 1 TOTAL	602	312	290	10	42	268	115
Appal. No. 2	25	22	3	1	4	7	1
Ind., Ill., Ky.	1,127	487	640	18	108	280	79
Minn., Wis., Daks.	166	45	121	3	7	68	9
Okla., Kans., Mo.	408	268	140	5	12	151	16
DISTRICT 2 TOTAL	1,726	822	904	27	131	506	105
Inland Texas	245	130	115	28	33	98	20
Texas Gulf Coast	1,431	517	914	38	171	647	182
La. Gulf Coast	1,107	470	637	3	216	353	183
N. La. and Ark.	68	26	42	6	--	52	15
New Mexico	20	20	--	17	2	25	3
DISTRICT 3 TOTAL	2,871	1,163	1,708	92	422	1,175	403
DISTRICT 4 TOTAL	234	137	97	9	9	94	8
DISTRICT 5 TOTAL	926	399	527	75	185	297	390
TOTAL U.S.	6,359	2,833	3,526	213	789	2,340	1,021
TOTAL U.S. Weeks Ended:							
APR. 15, 1983	6,118	2,704	3,414	178	790	2,194	998
APR. 23, 1982	5,998	*N/A*	*N/A*	229	812	2,375	1,136
DISTRICTS 1-4 Weeks Ended:							
APR. 22, 1983	5,433	2,434	2,999	138	604	2,043	631
APR. 15, 1983	5,192	2,265	2,927	142	577	1,915	622
APR. 23, 1982	5,117	*N/A*	*N/A*	163	642	2,065	772

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 22, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,059	2,515	2,544	--	150	686	4,620	1,791	--
Central Atlantic	27,002	11,279	12,370	3,353	633	5,266	19,533	14,021	12,591
Lower Atlantic	27,504	14,431	12,758	315	207	3,658	10,857	3,158	438
DISTRICT 1 TOTAL	59,565	28,225	27,672	3,668	990	9,610	35,010	18,970	13,029
DISTRICT 2 TOTAL	66,891	26,465	27,898	10,528	1,333	7,536	36,159	4,177	19,282
DISTRICT 3 TOTAL	64,042	22,493	24,118	17,431	2,429	10,834	27,973	12,503	51,560
DISTRICT 4 TOTAL	8,355	3,227	1,868	3,260	242	793	2,823	356	2,972
DISTRICT 5 TOTAL	26,192	9,153	10,551	6,488	1,525	6,230	10,954	9,243	27,458
TOTAL U.S.	225,045	91,563	92,107	41,375	6,519	35,003	112,919	45,249	114,301
TOTAL U.S.									
Weeks Ended:									
APR. 15, 1983	226,019	89,579	91,412	45,028	6,935	35,733	115,637	47,307	113,238
APR. 23, 1982	235,826	*N/A*	92,979	*N/A*	6,615	36,123	113,962	54,923	119,462
DISTRICTS 1-4									
Weeks Ended:									
APR. 22, 1983	198,853	82,410	81,556	34,887	4,994	28,773	101,965	36,006	86,843
APR. 15, 1983	199,305	80,855	80,715	37,735	5,218	29,417	103,972	37,788	85,035
APR. 23, 1982	208,785	*N/A*	83,782	*N/A*	5,127	28,959	102,602	44,878	93,711

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 22, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy *DEC* 1982	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
APR. 22, 1983	5,881.4	5,821.0	3,134	198	264,856
APR. 15, 1983	5,881.4	--	2,236	172	266,846●
APR. 8, 1983	5,881.4	--	2,189	190	264,781
APR. 1, 1983	5,902.9	--	2,250	192	266,187
DISTRICT 5 TOTAL					
APR. 22, 1983	2,829.0	2,780.0	37	7	87,317 *
APR. 15, 1983	2,829.0	--	106	8	89,629
APR. 8, 1983	2,829.0	--	131	--	86,027
APR. 1, 1983	2,826.2	--	93	28	77,918
TOTAL U.S.					
APR. 22, 1983	8,710.4	8,601.0	3,171	205	352,173 *
APR. 15, 1983	8,710.4	--	2,342	180	356,475●
APR. 8, 1983	8,710.4	--	2,320	190	350,808
APR. 1, 1983	8,729.1	--	2,343	220	344,105
APR. 23, 1982	8,608.0/A	--	3,104	162	375,277

**INCLUDES 30,305 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR APRIL 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 22, 1983	16,726	80,063	152,972	15,095	264,856	87,317 *	352,173 *
APR. 15, 1983	17,956	78,403	155,011●	15,476	266,846●	89,629	356,475●
APR. 23, 1982	21,862	82,042	166,650	14,979	285,533	89,744	375,277

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	67	1	--	--	68
Central Atlantic	124	53	71	--	10	60	293	1	40	88	616
Lower Atlantic	--	--	--	--	--	--	162	--	--	--	162
DISTRICT 1 TOTAL											
APR. 22, 1983	124	53	71	--	10	60	522	2	40	88	846
APR. 15, 1983	171	115	56	--	9	66	707	16	49	31	1,049
APR. 8, 1983	176	120	56	--	10	35	604	15	159	21	1,020
APR. 1, 1983	162	76	86	--	--	--	652	2	8	3	827
DISTRICTS 2-4 TOTAL											
APR. 22, 1983	33	33	--	--	4	4	36	66	103	75	321
APR. 15, 1983	26	22	4	--	--	--	98	180	68	79	451
APR. 8, 1983	4	4	--	--	--	--	91	203	113	118	529
APR. 1, 1983	--	--	--	--	--	--	--	73	47	--	120
DISTRICT 5 TOTAL											
APR. 22, 1983	32	25	7	--	3	6	13	2	--	7	63
APR. 15, 1983	25	18	7	--	--	6	11	16	--	11	69
APR. 8, 1983	21	14	7	--	--	7	11	15	--	5	59
APR. 1, 1983	2	1	1	--	--	7	10	3	--	--	22
TOTAL U.S.	189	111	78	--	17	70	571	70	143	170	1,230
TOTAL U.S. Weeks Ended:											
APR. 15, 1983	222	155	67	--	9	72	816	212	117	121	1,569
APR. 8, 1983	201	138	63	--	10	42	706	233	272	144	1,608
APR. 1, 1983	164	77	87	--	--	7	662	78	55	3	969
APR. 23, 1982	122	*N/A*	58	--	18	69	743	207	153	33	1,400

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

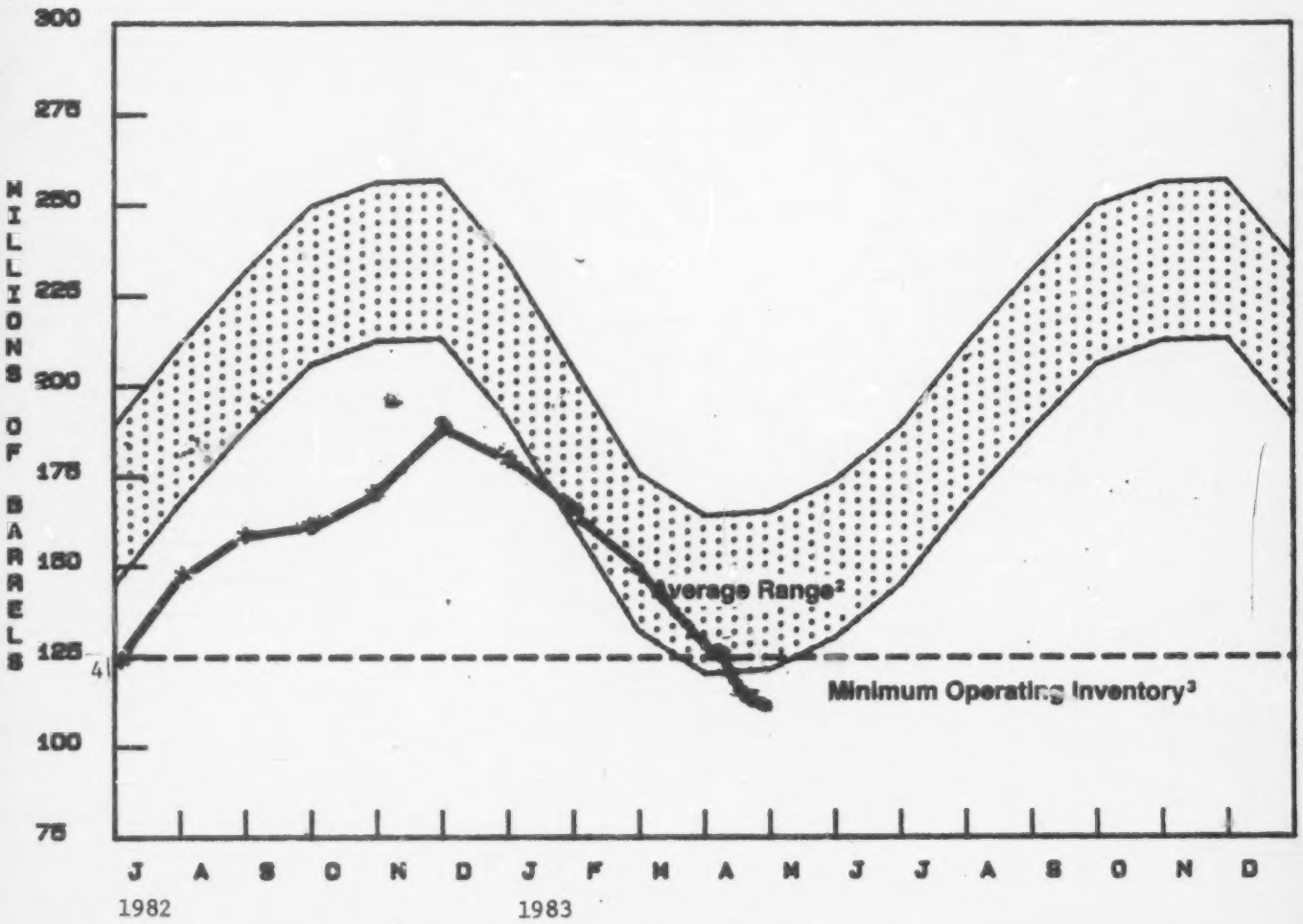
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

4/15/83	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,193
			DISTRICT 1 TOTAL	1,274
			TOTAL U.S.	12,742
			DISTRICTS 1-4	10,569
	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	266,846
			TOTAL U.S.	356,475
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 3	155,011
		TOTAL	TOTAL PAD DISTRICTS 1-4	266,846
		TOTAL	TOTAL U.S.	356,475

Week Ended April 22, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

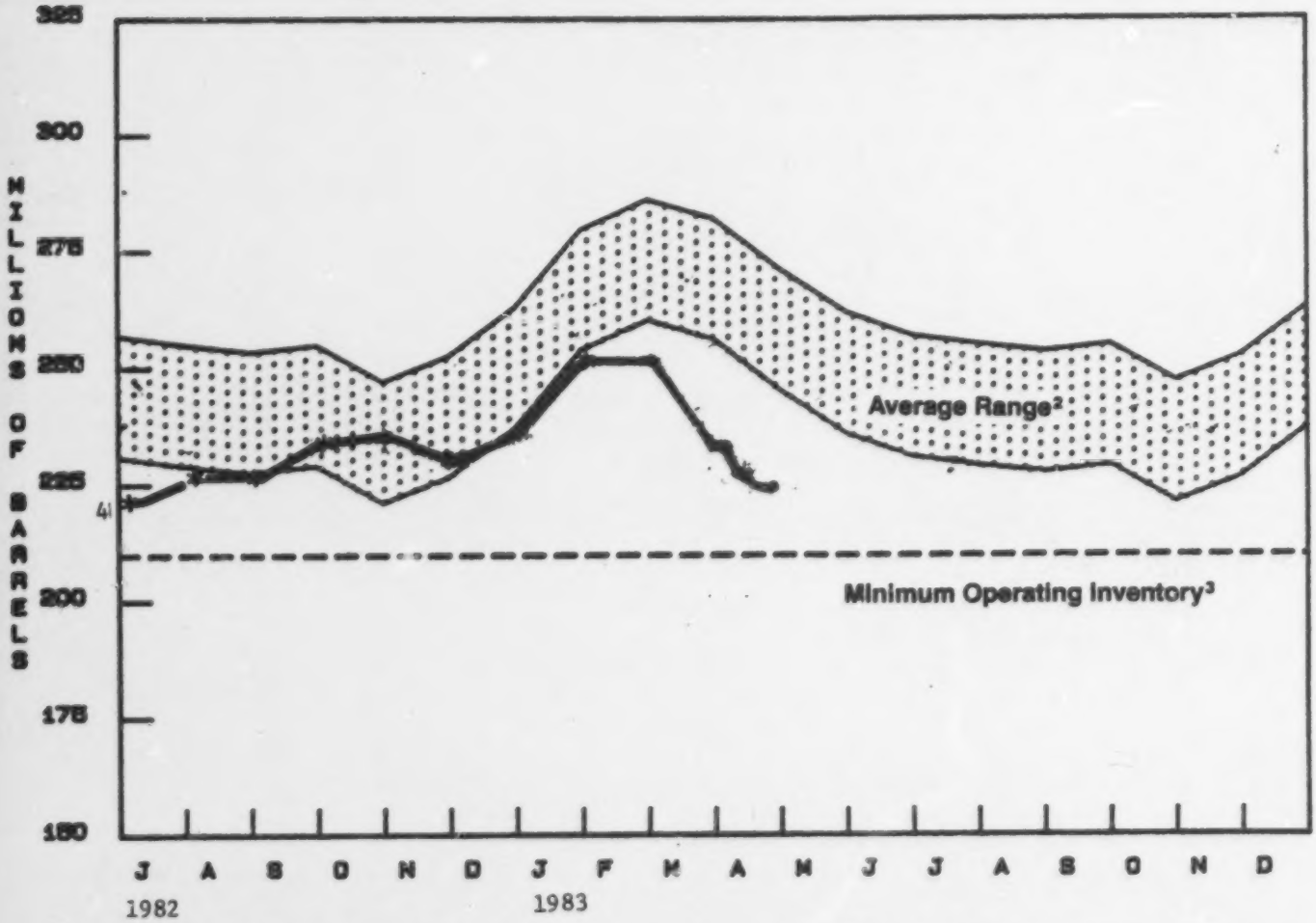
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 22, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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•— API, "Weekly Statistical Bulletin."

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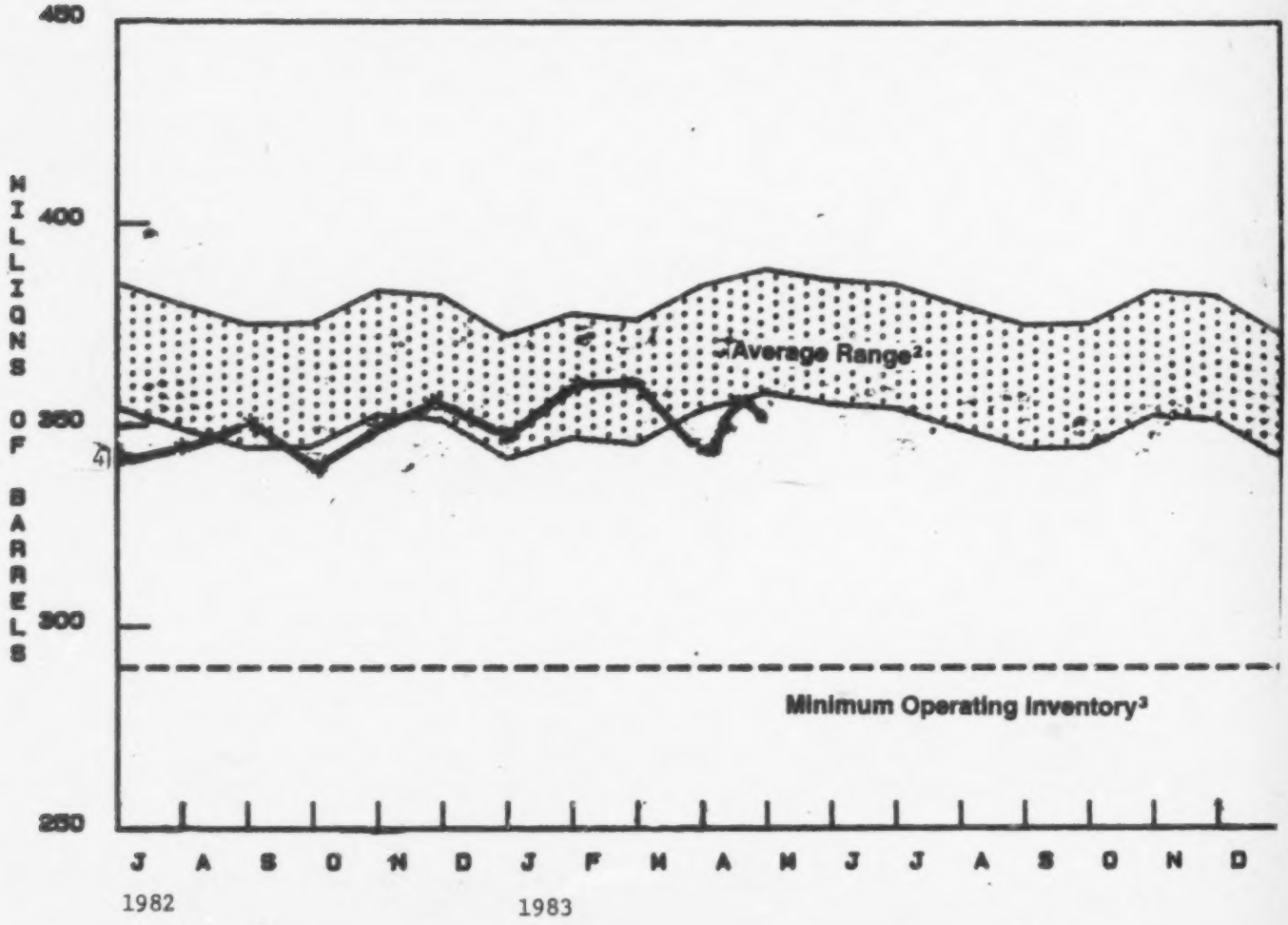
Week Ended April 22, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineri in pipelines, and in lease tanks and do not include those held in the Strategic Petrole Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating uni and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.